

CURRENT INDUSTRIAL REPORTS SERIES

2005 MA334A — ELECTROMEDICAL EQUIPMENT AND ANALYTICAL INSTRUMENTS

The 2005 new MA334A, Current Industrial Report (CIR) survey includes related product classes previously published in the discontinued MA334S, "Electromedical Equipment and Irradiation Equipment," and MA334B, "Selected Instruments and Related Products" surveys. Some product codes were added or deleted in order for the survey to be more reflective of the industry. You received this questionnaire because our records indicate that your establishment manufactures one or more of the products collected by this survey. The "Concordance Table" located in section (5) of this manual contains the new 2005 product list linked to the old 2004 product list. Please take the time to familiarize yourself with the new product lines created that correspond to those you reported in the past.

The Current Industrial Reports program is one of our most popular programs with the business community. The key to its popularity is the accurate reporting by survey respondents like you. We are making changes to this survey to increase the usefulness and the return on your investment of time and effort. We look forward to working with you in the future to continue the success of this program.

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of this survey

This survey covers all companies engaged in the manufacture of all analytical and biomedical instruments including component parts, in the United States.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and Value of Shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments. For some products, the quantity of shipments is not collected.

Shipments should include the following:

- (1) Private brand units as well as your own company brand units.
- (2) Leased machines and equipment – For products leased or rented by your company, report the

number and estimated value. The estimate should approximate the value of the products sold outright.

If no such basis is available, you may use the valuation placed on these items for tax, insurance, or similar purposes.

Do not include the following:

- (1) Products manufactured for you by others
- (2) Imports which are reshipped without further domestic manufacture

Your figure should include:

- (1) X-ray equipment
- (2) Medical electronic systems and system components

(See Reference List for complete list of products collected in this survey.)

b. Columnar structure of report

When entering your figures on the report, please be sure to report the information in the correct columns, as follows:

Column 1 — Quantity

Column 2 — Value (report shipments in thousands of dollars. Example: \$1,000,000, report as \$1,000)

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DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

3. Definitions

The product detail for this survey, as shown in the Reference List is defined according to standard nomenclature for this industry.

Development and/or manufacture of Medical Picture Archiving and Communications Systems (MED-PACS) must include:

Image acquisition, digital archiving and storage, communication, and video display devices.

Also include:

Components, such as disk drives, displays, signal converters, output devices, software and associated communications equipment.

4. Comparability

If you also report in the Annual Survey of Manufactures (Form MA-10000), the sum of values for item codes shown in column (a) should correspond to the dollar values reported under product class code indicated in column (b) below:

Current Industrial Reports (Form MA334A) Item codes (a)	Annual Survey of Manufactures Product class codes (b)
1105 through 1145	3333143
1305 through 1385	3345101
1505 through 1585	3345160
1705 through 1735	3345170

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DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

5. Concordance of Product Codes and Item Codes: 2005 to 2004

2005 Product Code	2005 Item Code	2005 Survey Name	2004 Survey Name	2004 Product Code	2004 Item Code
3333143119	1105	MA334A	MA334B	3333143111	8211
3333143119	1105	MA334A	MA334B	3333143117	8217
3333143231	1110	MA334A	MA334B	3333143231	8221
3333143232	1115	MA334A	new to cir	new to cir	new to cir
3333143235	1120	MA334A	MA334B	3333143235	8225
3333143237	1125	MA334A	MA334B	3333143237	8231
3333143242	1130	MA334A	MA334B	3333143242	8234
3333143243	1135	MA334A	MA334B	3333143243	8239
3333143245	1140	MA334A	MA334B	3333143233	8223
3333143245	1140	MA334A	MA334B	3333143245	8245
3333143251	1145	MA334A	MA334B	3333143247	8241
3333143251	1145	MA334A	MA334B	3333143249	8243
3333143	1197	MA334A	MA334B	3333143	8259
3345101106	1305	MA334A	MA334S	3345101106	8034
3345101109	1310	MA334A	MA334S	3345101109	8038
3345101124	1315	MA334A	MA334S	3345101103	8030
3345101124	1315	MA334A	MA334S	3345101112	8043
3345101124	1315	MA334A	MA334S	3345101115	8052
3345101124	1315	MA334A	MA334S	3345101118	8056
3345101124	1315	MA334A	MA334S	3345101121	8060
3345101124	1315	MA334A	MA334S	3345101124	8064
3345101227	1320	MA334A	MA334S	3345101227	8068
3345101233	1325	MA334A	MA334S	3345101233	8075
3345101237	1330	MA334A	MA334S	3345101237	8080
3345101241	1335	MA334A	MA334S	3345101241	8106
3345101247	1340	MA334A	MA334S	3345101247	8118
3345101251	1345	MA334A	MA334S	3345101251	8126
3345101254	1350	MA334A	MA334S	3345101254	8130
3345101257	1355	MA334A	MA334S	3345101244	8114
3345101257	1355	MA334A	MA334S	3345101257	8135
3345101361	1360	MA334A	MA334S	3345101361	8222
3345101364	1365	MA334A	MA334S	3345101364	8226
3345101367	1370	MA334A	MA334S	3345101367	8230
3345101371	1375	MA334A	MA334S	3345101371	8234
3345101374	1380	MA334A	MA334S	3345101374	8238
3345101477	1385	MA334A	MA334S	3345101477	8242
3345101	1397	MA334A	new to cir	new to cir	new to cir
3345160111	1505	MA334A	MA334B	3345160101	8001
3345160111	1505	MA334A	MA334B	3345160103	8003
3345160111	1505	MA334A	MA334B	3345160107	8005
3345160111	1505	MA334A	MA334B	3345160109	8022
3345160112	1510	MA334A	MA334B	3345160112	8024

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DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

5. Concordance of Product Codes and Item Codes: 2005 to 2004—Continued

2005 Product Code	2005 Item Code	2005 Survey Name	2004 Survey Name	2004 Product Code	2004 Item Code
3345160134	1515	MA334A	MA334B	3345160117	8031
3345160134	1515	MA334A	MA334B	3345160119	8034
3345160134	1515	MA334A	MA334B	3345160121	8036
3345160134	1515	MA334A	MA334B	3345160123	8037
3345160134	1515	MA334A	MA334B	3345160125	8121
3345160134	1515	MA334A	MA334B	3345160127	8123
3345160134	1515	MA334A	MA334B	3345160129	8125
3345160134	1515	MA334A	MA334B	3345160131	8127
3345160134	1515	MA334A	MA334B	3345160133	8130
3345160135	1520	MA334A	MA334B	3345160135	8133
3345160145	1525	MA334A	MA334B	3345160145	8141
3345160147	1530	MA334A	MA334B	3345160147	8142
3345160149	1535	MA334A	MA334B	3345160149	8144
3345160151	1540	MA334A	MA334B	3345160151	8146
3345160153	1545	MA334A	MA334B	3345160153	8151
3345160154	1550	MA334A	MA334B	3345160158	8154
3345160155	1555	MA334A	MA334B	3345160155	8150
3345160160	1560	MA334A	MA334B	3345160160	8156
3345160161	1570	MA334A	MA334B	3345160161	8185
3345160162	1573	MA334A	MA334B	3345160159	8182
3345160163	1575	MA334A	MA334B	3345160163	8186
3345160165	1580	MA334A	MA334B	3345160143	8139
3345160165	1580	MA334A	MA334B	3345160164	8188
3345160165	1580	MA334A	MA334B	3345160165	8189
3345160167	1585	MA334A	MA334B	3345160167	8196
3345160	1597	MA334A	MA334B	3345160	8198
3345170103	1705	MA334A	MA334S	3345170103	8002
3345170106	1710	MA334A	MA334S	3345170106	8006
3345170112	1715	MA334A	MA334S	3345170109	8012
3345170112	1715	MA334A	MA334S	3345170112	8018
3345170115	1720	MA334A	MA334S	3345170115	8026
3345170121	1725	MA334A	MA334S	3345170121	8202
3345170124	1730	MA334A	MA334S	3345170124	8206
3345170332	1735	MA334A	MA334S	3345170118	8102
3345170332	1735	MA334A	MA334S	3345170227	8210
3345170332	1735	MA334A	MA334S	3345170331	8214
3345170	1797	MA334A	new to cir	new to cir	new to cir
9999998900	9965	MA334A	MA334S	9995065000	9940
9997373100	9970	MA334A	MA334S	9997373100	8218
9999998041	9975	MA334A	MA334B	9999998041	9970

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REFERENCE LIST

FORM MA334A		ANALYTICAL AND BIOMEDICAL INSTRUMENTS
Product code	Item code	Item Description
		OPTICAL INSTRUMENTS AND LENSES (Report value only)
*3333143119	1105	Binoculars and astronomical instruments, parts, and accessories (including mountings)
3333143231	1110	Optical test and inspection equipment
*3333143232	1115	Optical instruments used for inspecting semiconductors, wafers, and photo masks
3333143235	1120	Optical components: filters
3333143237	1125	Optical components: unmounted lenses
3333143242	1130	Optical components: mounted lenses
3333143243	1135	Optical components: other
3333143245	1140	Other optical instruments
*3333143251	1145	Parts and accessories
3333143	1197	Total optical instruments and lenses (sum of item codes 1105–1145)
		ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS
		MEDICAL DIAGNOSTIC EQUIPMENT
3345101106	1305	Ultrasound scanning devices
3345101109	1310	Electrocardiograph (EKG)
3345101124	1315	All other medical diagnostic equipment (<i>specify kind</i>)
		Patient monitoring equipment:
3345101227	1320	Intensive care/coronary care units, including component modules such as temperature, blood pressure, and pulse
3345101233	1325	Prenatal and respiratory monitoring
3345101237	1330	All other patient monitoring (<i>specify kind</i>)
		MEDICAL THERAPY EQUIPMENT
3345101241	1335	Ultrasound therapy
3345101247	1340	Defibrillators
3345101251	1345	Dialyzers (includes machines and equipment) (<i>specify kind</i>)
3345101254	1350	Medical laser equipment
3345101257	1355	All other medical therapy equipment
		SURGICAL SYSTEMS
3345101361	1360	Electrosurgical equipment
3345101364	1365	Heart-lung machines (excluding iron lungs)
3345101367	1370	Blood flow systems
3345101371	1375	All other surgical support systems
3345101374	1380	Other electromedical and electrotherapeutic apparatus
3345101477	1385	Electromedical and electrotherapeutic parts and accessories
3345101	1397	Total electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (sum of item codes 1305–1385)

* New for 2005

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REFERENCE LIST—Continued

FORM MA334A		
Product code	Item code	Item Description
		ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL
*3345160111	1505	Electrochemical instruments
3345160112	1510	Chromatographic instruments
*3345160134	1515	Spectrophotometric instruments
3345160135	1520	Thermal analysis instruments
3345160145	1525	Mass spectroscopy instruments
		Laboratory instrumentation (includes instruments used in the clinical laboratory for measuring, analyzing, and processing clinical specimens):
3345160147	1530	Laboratory instrumentation: chemistry—Measure and identify substances, e.g., metabolites, enzymes, and drugs
3345160149	1535	Laboratory instrumentation: hematology—Measure and identify substances or cells contained in blood or substances influencing the development and clotting of blood, e.g., blood cell counting coagulation factors
3345160151	1540	Laboratory instrumentation: microbiology—Enumerate or identify pathogenic organisms or measure their susceptibility to antimicrobial agents
3345160153	1545	Laboratory instrumentation: DNA sequencer
3345160154	1550	Laboratory instrumentation: DNA thermocycler
3345160155	1555	Laboratory instrumentation: blood bank and immunology—Process blood and specimens for testing; measure and identify, using immunoassay, substances in clinical specimens
3345160160	1560	Other clinical laboratory instrumentation
3345160161	1570	Amino acid, protein, and/or peptide analyzers
3345160162	1573	Organic elemental analysis instruments (Carbon, Hydrogen, Nitrogen, Oxygen, Sulphur)
3345160163	1575	Gas detectors
3345160165	1580	Other analytical and scientific instruments
3345160167	1585	Parts—Components and accessories for analytical and scientific instruments (sold separately)
3345160	1597	Total analytical and scientific instruments (sum of item codes 1505–1585)
		IRRADIATION APPARATUS
		Medical Diagnostic Equipment
		X-ray equipment, medical (report non-medical x-ray equipment under other irradiation apparatus):
3345170103	1705	Digital radiography equipment
3345170106	1710	Computerized axial tomography (CT or CAT scan)
3345170112	1715	All other medical diagnostic x-ray equipment, including dental and conventional
3345170115	1720	Nuclear medicine equipment

* New or revised for 2005

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FORM MA334A

Product code	Item code	Item Description
3345170121 3345170124 *3345170332 3345170		OTHER IRRADIATION APPARATUS
	1725	Industrial and scientific X-ray equipment
	1730	X-RAY tubes (sold separately)
	1735	Other irradiation equipment, including parts and accessories for X-ray equipment
	1797	Total irradiation apparatus manufacturing (<i>sum of item codes 1705—1735</i>)
9999998900 9997373100 9999998041		SELECTED NONMANUFACTURING REVENUES
	9965	Resales—Sales of products bought and sold without further manufacture, processing, or assembly
	9970	Medical picture archiving and communications equipment (MED-PACS)
	9975	Receipts for research and development work

NOTES: